



# City of Appleton

## OFFICE OF THE CITY ADMINISTRATOR

323 W Schlieman Ave | Appleton, MN 56208  
[cityadministrator@appletonmn.org](mailto:cityadministrator@appletonmn.org) | 320-289-1363

April 3, 2020

To: Interested Parties, Groups, and Individuals

RE: Request for Environmental Assessment Comments

The City of Appleton is requesting public comments on the potential environmental impact of a proposed project that includes making improvements to the City's water supply and treatment infrastructure. Comments must be in writing and received by May 11, 2020 to be considered.

Proposed improvements to the City's water supply infrastructure entail the construction of a new water supply well and construction of subsurface raw water piping necessary to connect the new well to the City's existing water supply system. The new well and raw water piping will be constructed at 349 South Edquist Street, Appleton, MN.

Proposed improvements to the City's water treatment infrastructure include the construction of a new water treatment facility, construction of new underground water distribution piping required to connect the new water treatment facility with the City's existing water distribution system, and construction of new underground sanitary sewer piping required to route wastewater from the new water treatment facility to the City's sanitary sewer collection system. The new water treatment facility and associated underground utility piping will be constructed at 139 and 140 East Ronning Avenue, Appleton, MN.

A map showing the proposed project locations is enclosed.

The City intends to finance the project with a \$5,000,000 low interest loan from the Minnesota Public Facilities Authority (PFA). Funds are being requested through the Drinking Water Revolving Fund which is administered by the PFA and Minnesota Department of Health. To receive funds an environmental review must be conducted in accordance with the National Environmental Policy Act of 1969.

Comments regarding the proposed improvements are to be sent to:

*Mr. Bob Schlieman (Project Manager)*

*Apex Engineering Group, Inc.*

*920 McKinley Avenue*

*Detroit Lakes, MN 56501*

If written comments are not received from your organization, it will be assumed there are no concerns or foreseen impacts. If you have questions regarding the proposed improvements please contact Bob Schlieman at 218-844-2585 or [Bob.Schlieman@ApexEngGroup.com](mailto:Bob.Schlieman@ApexEngGroup.com). Thank you for your consideration.

Sincerely,

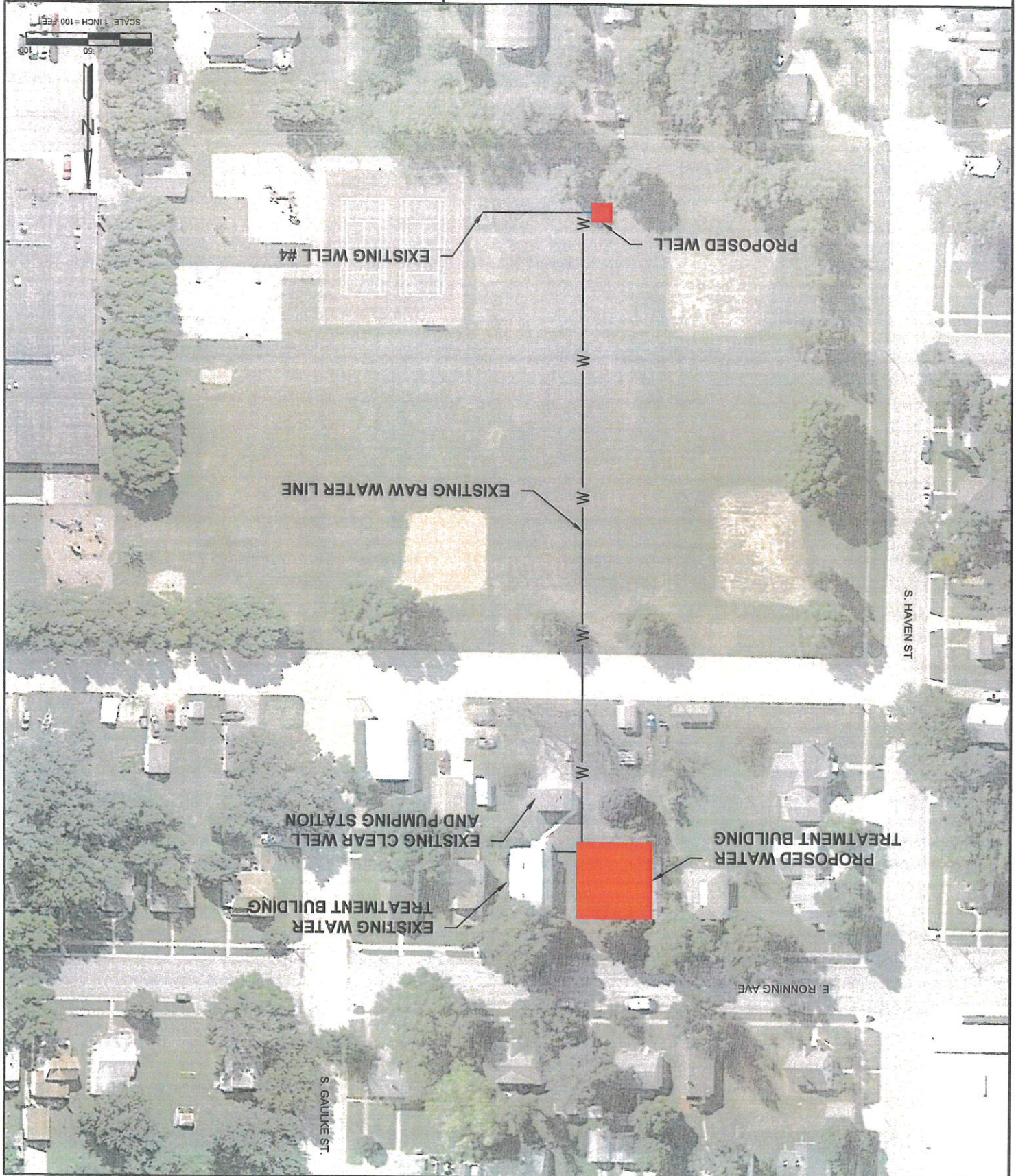
Willie Morales, M.P.P.  
Appleton City Administrator





PROPOSED WATER TREATMENT FACILITY  
AND WELL

WATER TREATMENT FACILITY IMPROVEMENTS  
APPLETON, MN







## Environmental Review Cover Page

System name: City of Appleton Water Sytem

System owner: City of Appleton

Project name(s) covered by this environmental review: (e.g., well #3, 300,000 gallon water tower, 4th Street watermain)

New Water Treatment Facility and Supply Well

Person completing and submitting environmental review:

Name Bob Schlieman

Title Project Manager

Address 920 McKinley Avenue, Detroit Lakes, MN 56501

Telephone 218-844-2585

Email Bob.Schlieman@ApexEngGroup.com

The water system owner (community, district, board, corporation, etc.) seeking the revolving fund loan is responsible for the environmental review.

I verify this is the review for the project(s) listed above.

Signature  
(Official)

Title City Administrator

Name (print of type) Mr. Willie Morales

Date submitted 5/11/2020

Submit complete environmental review record to Minnesota Department of Health district engineer.

### Resource

Environmental Review Instructions

(<https://www.health.state.mn.us/communities/environment/water/dwrf/erinstructions.html>)

Drinking Water Protection Contacts

(<https://www.health.state.mn.us/communities/environment/water/org/index.htm>)

Minnesota Department of Health

PO Box 64975

St. Paul, MN 55164-0975

651-201-4700

chad.kolstad@state.mn.us

www.health.state.mn.us

07/2019

To obtain this information in a different format, call: 651-201-4700. Printed on recycled paper.

## Section 106 Exemption Checklist

### DRINKING WATER REVOLVING FUND (36 CFR PART 800)

**Instructions:** Complete the information and table below. If the answer to any of the questions is yes, provide a description of the project in the space provided. The project is exempt from Section 106 of the National Historic Preservation Act. Send this completed form along with the Environmental Review Cover Page to the MDH district engineer, Drinking Water Protection Contacts, for the project area.

If all answers are no, continue to the next step on the Step by Step Checklist available at: Drinking Water Revolving Fund Forms.

PWS Name City of Appleton Project Name New Water Treatment Facility and Well

District Engineer Lucas Hoffman DWRF Project Number 1760001-1

Section 106 Exemption Criteria	Yes	No
1. The project is limited to environmental study.		X
2. The project is limited to planning and design.		X
3. The project is limited to connection fees.		X
4. The project is for emergency/disaster relief and or protection.		X
5. The project is limited to restoration and/or repair of structural or mechanical components on the interior of the facility		X
6. The project is limited to restoration or repair of a facility less than 45 years old.		X
7. The project is limited to for replacement or installation of water meters.		X
8. The project is limited to recoating or repainting of a water tower or water storage tank.		X
9. The project is limited to installation of a generator.		X
10. The project is limited to the replacement or relining of exiting watermains in previously disturbed soils. *		X

## SECTION 106 EXEMPTION CHECKLIST

\*It is strongly recommended that an Archaeological Site and Historic Structures Database Search is completed for the project area to assure that no historic properties will be impacted by the project. This database search can be generated by contacting Thomas Cinadr with the Minnesota Historic Preservation Office (MNHPO) @ [thomas.cinadr@mnhs.org](mailto:thomas.cinadr@mnhs.org) and asking for an "archaeological site and historic structures database search". MNHPO will need a brief description of the project as well as the location, including township, range, and section.

**Brief description of project (only required if a statement is checked "yes")**

### Certification Statement

We certify that the information provided on this form is complete and accurate and that this project meets the exempt criteria established by the Minnesota Department of Health.

### Project Authorized Official or Design Engineer

Print Name: Bob Schlieman

Organization: Apex Engineering Group

Signature: 

Date: May 12, 2020

### Resources

#### Drinking Water Protection Contacts

<https://www.health.state.mn.us/communities/environment/water/org/index.htm>

#### Drinking Water Revolving Fund

<https://www.health.state.mn.us/communities/environment/water/dwrf/dwrf.html>

Minnesota Department of Health  
PO Box 64975  
St. Paul, MN 55164-0975  
651-201-4700  
[chad.kolstad@state.mn.us](mailto:chad.kolstad@state.mn.us)  
[www.health.state.mn.us](http://www.health.state.mn.us)

08/19

*To obtain this information in a different format, call: 651-201-4700. Printed on recycled paper.*

# Environmental Review Exemption Checklist

## DRINKING WATER REVOLVING FUND

**Instructions:** Complete the information and table below. If the answer to any of the questions is yes, provide a description of the project in the space provided. The project is exempt from environmental review. Send this completed form along with the Environmental Review Cover Page to the MDH district engineer, Drinking Water Protection Contacts, for the project area.

If all answers are no, continue to the next step on the Step by Step Checklist available at: Forms: Drinking Water Revolving Fund Forms

PWS Name City of Appleton Project Name New Water Treatment Facility and Well

District Engineer Lucas Hoffman DWRP Project Number 1760001-1

Environmental Review Exemption Criteria	Yes	No
1. The project is limited to environmental study.		X
2. The project is limited to planning and design.		X
3. The project is limited to connection fees.		X
4. The project is for emergency/disaster relief and/or protection.		X
5. The project is limited to restoration and/or repair of structural or mechanical components on the interior of the facility.		X
6. The project is limited to restoration or repair of a facility with minimal additions to the footprint.		X
7. The project is limited to for replacement or installation of water meters.		X
8. The project is limited to recoating or repainting of a water tower or water storage tank.		X
9. The project is limited to installation of a generator.		X
10. The project is limited to installation, replacement and/or relining of watermains in previously disturbed soils.		X



## ENVIRONMENTAL REVIEW EXEMPTION CHECKLIST

**Brief description of project (only required if a statement is checked "yes").**

### Certification Statement

We certify that the information provided on this form is complete and accurate and that this project meets the exempt criteria established by the Minnesota Department of Health.

#### Project Authorized Official or Design Engineer

Print Name: Bob Schlieman

Organization: Apex Engineering Group

Signature: 

Date: May 12, 2020

### Resources

#### Drinking Water Protection Contacts

(<https://www.health.state.mn.us/communities/environment/water/org/index.htm>)

#### Forms: Drinkin Water Revolving Fund

(<https://www.health.state.mn.us/communities/environment/water/dwrf/dwrf.html>)

Minnesota Department of Health  
PO Box 64975  
St. Paul, MN 55164-0975  
651-201-4700  
[chad.kolstad@state.mn.us](mailto:chad.kolstad@state.mn.us)  
[www.health.state.mn.us](http://www.health.state.mn.us)

02/25/2020

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Water | Transportation | Municipal | Facilities

218.844.2580  
920 McKinley Avenue  
Detroit Lakes, MN 56501

May 12, 2020

Minnesota Department of Health  
C/O Lucas Hoffman  
1505 Pebble Lake Road, Suite 300  
Fergus Falls, MN 56537-3858

RE: New Water Treatment Plant and New Water Supply Well  
City of Appleton, Minnesota  
Apex Project No. 19.403.0165

Dear Mr. Hoffman:

The City of Appleton has proposed to make improvements to their water system by constructing a new water treatment facility along with constructing a new water supply well. The City intends to finance the project with a low interest loan from the Minnesota Public Facilities Authority. Funds are being requested through the Drinking Water Revolving Fund and in order to receive such funds an environmental review must be conducted in accordance with the National Environmental Policy Act of 1969.

The items listed below have been enclosed for your review as they are being submitted as the City's environmental review record for the above referenced project.

- a. Environmental Review Record Cover Page
- b. Environmental Review Exemption Checklist
- c. Section 106 Exemption Checklist
- d. Environmental Information Worksheet
- e. Environmental Review Generic Solicitation Letter
- f. Environmental Review Solicitation Letter to Minnesota Historical Society
- g. Environmental Review Solicitation (Mailing) List
- h. Historic Database Search
- i. Newspaper public notice with affidavit of publication
- j. Comment Letter Received from the MPCA
- k. Response to Comment Letter Received from the MPCA

It is my understanding that you will be reviewing the enclosed information and providing an Environmental Summary.



Thank you in advance for your review of the enclosed information and please feel free to contact me with any questions.

Sincerely,

Apex Engineering Group, Inc.

A handwritten signature in blue ink, appearing to read 'R. Schlieman', with a long horizontal flourish extending to the right.

Bob Schlieman, PE

CC: Willie Morales, City of Appleton



## Environmental Review Solicitation (Mailing) List

SYSTEM NAME: City of Appleton Water Supply System

### Basic Solicitation

Insert names and addresses of people and agencies that are being notified about the project. Some categories won't apply because of project location. Also, don't mail a solicitation letter to municipal or township officials, for example, when the municipality or township is proposing the project. **The Minnesota Historical Society and Department of Natural Resources must receive a solicitation letter. The letter to the Minnesota Historical Society must state that this project requires a National Historic Preservation Act Section 106 review. A copy of the historical society solicitation letter must be attached to the Environmental Information Worksheet.**

Contacts		Contacts	
State Senator	Mr. Andrew R. Lang 95 University Avenue West Minnesota Senate Bldg, Room 3205 St. Paul, MN 55155	City Administrator/Clerk	
State Representative	Mr. Tim Miller 329 State Office Building St. Paul, MN 55155	County Planning & Zoning Office Mr. Scott Collins - Swift County Planning and Zoning 1000 Industry Drive Benson, MN 56215	
County Board Chair	Mr. Eric Rudningen 412 N. 11th Street PO Box 252 Kerkhoven, MN 56252	Individuals requesting notification	
Mayor		Minnesota Historical Society – SHPO Government Programs and Compliance Attn: Sarah J. Beimers, Manager 50 Sherburne Avenue, Suite 203 St. Paul, Minnesota 55155	
Township Board Clerk		Minnesota Dept. of Natural Resources Office of Planning Environmental Review Section 500 Lafayette Road P.O. Box 10 St. Paul, Minnesota 55155	

ENVIRONMENTAL REVIEW SOLICITATION (MAILING) LIST

## Additional Agency Solicitation

The type of project, location and construction methods will determine which additional agencies should be contacted. Please indicate the agencies that are being notified.

☒ Minnesota Department of Agriculture  
c/o Mr. Bob Patton  
625 Robert Street North  
St. Paul, Minnesota 55155-2538

☒ U.S. Fish and Wildlife Service  
Twin Cities Field Office E.S.  
5600 American Blvd. W. #990  
Bloomington, Minnesota 55437

☐ U.S. Army Corps of Engineers  
Regulatory Functions Branch  
Operations Division  
190 Fifth Street East  
St. Paul, Minnesota 55101-1638

☒ Minnesota Pollution Control Agency  
Supervisor  
Environmental Review Office  
520 Lafayette Road  
St. Paul, Minnesota 55155-4194

## Local Solicitation

List names and addresses of other individuals/groups that are being contacted. This list will be influenced by type of project and local interest.

Consider:

- Adjoining property owners.
- Homeowner associations.
- Civic, business and environmental organizations.
- Special interest groups.
- Local historical society.

Minnesota Department of Health  
PO Box 64975  
St. Paul, MN 55164-0975  
651-201-4700  
chad.kolstad@state.mn.us  
www.health.state.mn.us

2/27/2018

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# Environmental Information Worksheet

## Water System Owner

City of Appleton

## Needs and Alternatives

Provide a brief narrative that describes:

- Current drinking water system needs.  
The City's existing Water Treatment Facility was constructed in the 1950s and due to age and condition is no longer considered reliable. One (1) of the City's two (2) water supply wells is located within the existing Water Treatment Facility. In order to meet public water supply setback rules and regulations it has been proposed to construct a new water supply well to replace the existing well within the in-place Water Treatment Facility
- Project alternatives not selected and their potential environmental impacts.  
Project alternatives not selected include the "do nothing" alternative and refurbish the existing Water Treatment Facility. Both alternatives are not considered to be viable options due to the age and condition of the existing Water Treatment Facility which is over 60 years old.

## Description

- Give a description of the proposed project and auxiliary facilities.  
Proposed project includes constructing a new Water Treatment Facility and new water supply well along with underground water and sanitary sewer utility piping required to accommodate the new Water Treatment Facility and new water supply well.
- Indicate construction methods, timing, and duration which might temporarily impact the environment.  
Construction methods will be those typically utilized in modern construction practices for building public infrastructure projects. Construction is anticipated to commence in the fall of 2020 and be finished in the fall of 2021. Temporary impacts during construction will include periodic increases in noise levels along with an increase in construction related activity at the proposed project sites.

## ENVIRONMENTAL INFORMATION WORKSHEET

### Project Location

County Swift City Appleton Township 120N  
South 1/2 SW 1/4 Section 14 Range 43W

Attach copies of each of the following:

- Copy of U.S. Geological Survey 7.5 minute, 1:24,000 scale map or equivalent (photocopy is acceptable) indicating the project boundaries;
- Site plan showing all significant project and natural features; and
- If needed for clarification, a county map showing the general location of project.

### Project Magnitude Data

Total project area (acres) \_\_\_\_\_ and/or length (feet or miles) \_\_\_\_\_  
and/or total square feet 10,000

### Permits and Approvals Required

Unit of Government	Type of Application	Status
Minnesota Dept. of Health	Plan Review/Permit	To be submitted

### Land Use

Describe current and recent past due land use and development on the site and on adjacent lands. Discuss project compatibility with adjacent and nearby land uses. Indicate whether and potential conflicts involve environmental matters. Identify and potential environmental hazard due to past land uses, such as soil contamination or abandoned storage tanks or proximity to nearby hazardous liquid or gas pipelines.

The new Water Treatment Facility has been proposed to be placed at the site where the City's existing Water Treatment Facility is located. Neighboring properties consist of residential homes along with a school play ground. No compatibility issues with nearby land use is anticipated while no potential conflicts regarding environmental matters are anticipated. No potential environmental hazards due to past land use area anticipated.

# ENVIRONMENTAL INFORMATION WORKSHEET

## Cover Types

Estimate the acreage of the site with each of the following cover types before and after development (before and after totals should be equal):

Cover Types		
Cover Type	Before	After
Type 1 to 8 Wetlands	0	0
Wooded/Forest	0	0
Brush/Grassland	0	0
Crop Land	0	0
Lawn/Landscaping	.5	.5
Impervious Surface	.1	.1
Other (describe) _____		

## Fish, Wildlife and Ecologically Sensitive Resources

Identify fish and wildlife resources on or near the site and discuss how they would be affected by the project. Describe any measures to be taken to minimize or avoid adverse impacts.

No fish resources are on or near the site. Wildlife resources on or near the site would be those that live in developed urban areas which would be temporarily affected by noise and construction activity. No major long term affects to local wildlife are anticipated.

Are there any state listed endangered, threatened or special-concern species; rare plant communities or other sensitive ecological resource such as native prairie habitat, colonial waterbird nesting colonies or regionally rare plant communities on or near the site?

☐ Yes x No

If yes, describe the resource and how it would be affected by the project. Indicate if a site survey of the resources was conducted and describe the results. Describe measure to be taken to minimize or avoid adverse impacts.



## ENVIRONMENTAL INFORMATION WORKSHEET

### Physical Impacts on Water Resources

Will the project involve the physical or hydrologic alteration (dredging, filling, stream diversion, outfall structure, diking, and impoundment) of any surface water (lake, pond, wetland, stream, drainage ditch)?

☐ Yes ☒ No

If yes, identify water resources affected and give the Minnesota Department of Natural Resources (DNR) Protected Waters Inventory (PWI) number(s) if the water resources affected are on the PWI: \_\_\_\_\_. Describe alternatives considered and proposed mitigation measures to minimize impacts.

### Water Use

- Will the project involve the installation or abandonment of any wells?  
☒ Yes ☐ No
- Will the project require an appropriation of ground or surface water (including dewatering)?  
☒ Yes ☐ No

If yes, indicate the source, quantity, duration, purpose of the appropriation, and the DNR water appropriation permit number of any existing appropriation. Discuss the impact of the appropriation on ground water levels.

The proposed improvements entail the installation of a new water supply well for the City of Appleton which will pump approximately 125,000 gallons of water per day all year long. Based on other municipal wells within the area no major affects on groundwater levels are expected.

### Water-related Land Use Management Districts

Does any part of the project site involve a shoreland zoning district, a delineated 100-year flood plain or a state or federally designated wild or scenic river land use district?

☐ Yes ☒ No

If yes, identify the district and discuss the compatibility of the project with the district land use regulations.

## ENVIRONMENTAL INFORMATION WORKSHEET

### Erosion and Sedimentation

Give the acreage to be graded or excavated and cubic yards of soil to be moved:

Acres 0.1

Cubic yards 7,500

Describe any steep slopes or highly erodible soils and identify them on the site map. Describe the erosion and sedimentation measures to be used during and after construction of the project.

No steep slopes or highly erodible soils are anticipated at the proposed project sites. Modern best management practices will be utilized for erosion and sediment control at the project sites during construction.

### Water Quality – Surface Water Runoff

- Compare the quantity and quality of site runoff before and after the project. Describe methods to be used to manage or treat runoff. Describe any stormwater pollution prevention plans.  
Water runoff quality and quantity from the proposed project areas will be unchanged as the project will result in very little and possibly no new impervious surfaces. A stormwater pollution prevention plan will be utilized during construction.
- Identify route(s) and receiving water bodies for runoff from the site. Estimate the impact of runoff on the quality of receiving waters.  
Runoff from the proposed project sites will either infiltrate into the ground or be collected by the City of Appleton's storm sewer system which ultimately discharges into the Pomme de Terre River.

### Water Quality – Wastewaters

- Describe sources, quantities and composition (except for normal domestic sewage) of all sanitary and industrial wastewaters produced or treated at the site.  
The new Water Treatment Facility will discharge backwash water to the City's wastewater collection system and ultimately to the City's Wastewater Treatment Facility. Estimated quantity of wastewater is 1,000 gallons per week which will include iron and manganese removed from the City's raw water supply.
- Describe waste treatment methods or pollution prevention efforts and give estimates of composition after treatment. Identify receiving waters, including major downstream water

## ENVIRONMENTAL INFORMATION WORKSHEET

bodies and estimate the discharge impact on the quality of the receiving waters. If the project involves on-site sewage systems, discuss the suitability of site condition. Wastewater from the new Water Treatment Facility will be routed and treated by the City's Wastewater Treatment Facility which currently discharges treated wastewater to the Pomme de Terre River. No effects on the Wastewater Treatment Facility or downstream waters are anticipated.

- If wastes will be discharged into a publically owned treatment facility's ability to handle the volume and composition of wastes. Identify and improvements necessary. The City of Appleton's Wastewater Treatment Facility will be able to handle any wastewater produced by the new Water Treatment Plant.

### Geological Hazards and Soil Conditions

Approximate depth (in feet) to:

	Minimum	Average
Ground Water	40	50
Bedrock	unknown	unknown

- Describe any of the following geological site hazards to ground water and also identify them on the site map: sinkholes, shallow limestone formations or karst conditions. Describe measures to avoid or minimize environmental problems due to any of these hazards.  
No geological site hazards are anticipated.
- Describe the soils on the site, giving Soil Conservation Service classifications, if known. Discuss soil granularity and potential for groundwater contamination from wastes or chemicals spilled on the soils. Discuss mitigation measures to prevent contamination. Soils on and near the site consist of sandy loam soils within the Egeland Series. Given the sandy nature of the soils special attention will have to be given to preventing contaminant spills at the site. A stormwater pollution prevention plan will be used during construction to provide restrictions on the use and handling of possible contaminants at or near the site.



## Solid Wastes; Hazardous Wastes; Storage Tanks

- Describe types, amounts and composition of solid or hazardous wastes, including sludge and ash. Identify method and location of disposal. For projects generating municipal solid waste, indicating if there will be a source separation plan. If hazardous waste is generated indicate if there is a hazardous waste minimization plan and routine hazardous waste reduction assessments.

No solid or hazardous waste will be created from the project.

- Identify any toxic or hazardous materials to be used or present at the site and identify measures to be used to prevent them from contaminating groundwater.  
No toxic or hazardous materials will be used or created at the site. Chemicals typically utilized in the treatment of public water supply will be used and stored within the new Water Treatment Facility per Minnesota Department of Health rules.
- Indicate the number, location, size and use of any above or below ground tanks to store petroleum products or other materials (except water).  
Chemicals typically utilized to treat public water supply will be stored within the new Water Treatment Facility per Minnesota Department of Health rules.

## Stationary Source Air Emissions

Will the project involve any stationary sources of air emissions (such as boilers or exhaust stack)?

☐ Yes ☒ No

If yes, describe the sources, quantities and composition of the emissions; the proposed air pollution control devices; the quantities and composition of the emissions after treatment and the effects on air quality.

## ENVIRONMENTAL INFORMATION WORKSHEET

### Odor, Noise and Dust

Will the project generate dust, odors or noise during construction and/or operation?

☒ Yes ☐ No

If yes, describe sources, characteristics, duration, quantities or intensity and any proposed measures to mitigate adverse impacts. Also, identify locations of nearby sensitive receptors and estimate impacts on them.

Periodically increased levels of noise and dust will result from the construction of the proposed facilities while no long term affects regarding dust, odors, or noise are anticipated.

Neighboring residential properties could be temporarily affected and efforts will be made to minimize such affects by restricting working hours and days.

### Cultural Resources

Are any of the following resources on or in proximity to the site?

Resource	Yes	No
Archaeological, historical or architectural resources		X
Prime or unique farmlands or land within an agricultural preserve?*		X
Designated parks, recreation areas or trails?		X
Scenic views and vistas		X
Other unique resources		X

\* Any project requiring an environmental review must state in the solicitation letter to the State Historic Preservation Office (SHPO) that a National Historic Preservation Act Section 106 review is required. A copy of the solicitation letter to SHPO must be provided. If it is determined that any historic sites or structures will be impacted, an agreement must be reached with the SHPO, MDH, and the project submitter before funding can be received. A copy of the agreement must be attached.

If yes to above, describe the resource and identify any project-related impacts on the cultural resources. Describe any measures to minimize or avoid adverse impacts.

## ENVIRONMENTAL INFORMATION WORKSHEET

### Compatibility with Plans

Is this project subject to an adopted local comprehensive plan, land use plan or regulation or other applicable land use, water or resource management plan of a local, regional, state or federal agency?

☐ Yes ☒ No

If yes, describe the plan, discuss its compatibility with the project and explain how any conflicts will be resolved. If no, explain.

### Impact on Infrastructure and Public Services

Will new or expanded utilities, roads, other infrastructure or public services be required to serve the project?

☐ Yes ☒ No

If yes, describe the new or additional infrastructure or services needed.

### Related Developments; Cumulative Impacts

- Are future stages of this development planned or likely? ☐ Yes ☒ No

If yes, briefly describe future stages, their timing and plans for environmental review.

- Is this project a subsequent stage of an earlier project? ☐ Yes ☒ No

If yes, briefly describe the past development, its timing and any past environmental review.



## ENVIRONMENTAL INFORMATION WORKSHEET

- Is this development anticipated on adjacent land? ☐ Yes ☒ No

If yes, briefly describe the development and its relationship to the present project.

### Other potential Environmental Impacts

If the project may cause any adverse environmental impacts not addressed in the items listed on this worksheet, identify and discuss them here, along with any proposed mitigation.

No adverse environmental impacts are anticipated as a result of the proposed improvements.

### Summary of Issues

List any impacts and issues identified that may require further investigation before the project is begun. Discuss any alternatives or mitigative measures that have been or may be considered for these impacts and issues, including those that have been or may be ordered as permit conditions.

No impacts or issues are anticipated as a result of the proposed improvements.

Minnesota Department of Health  
PO Box 64975  
St. Paul, MN 55164-0975  
651-201-4700  
chad.kolstad@state.mn.us  
www.health.state.mn.us

2/14/2020

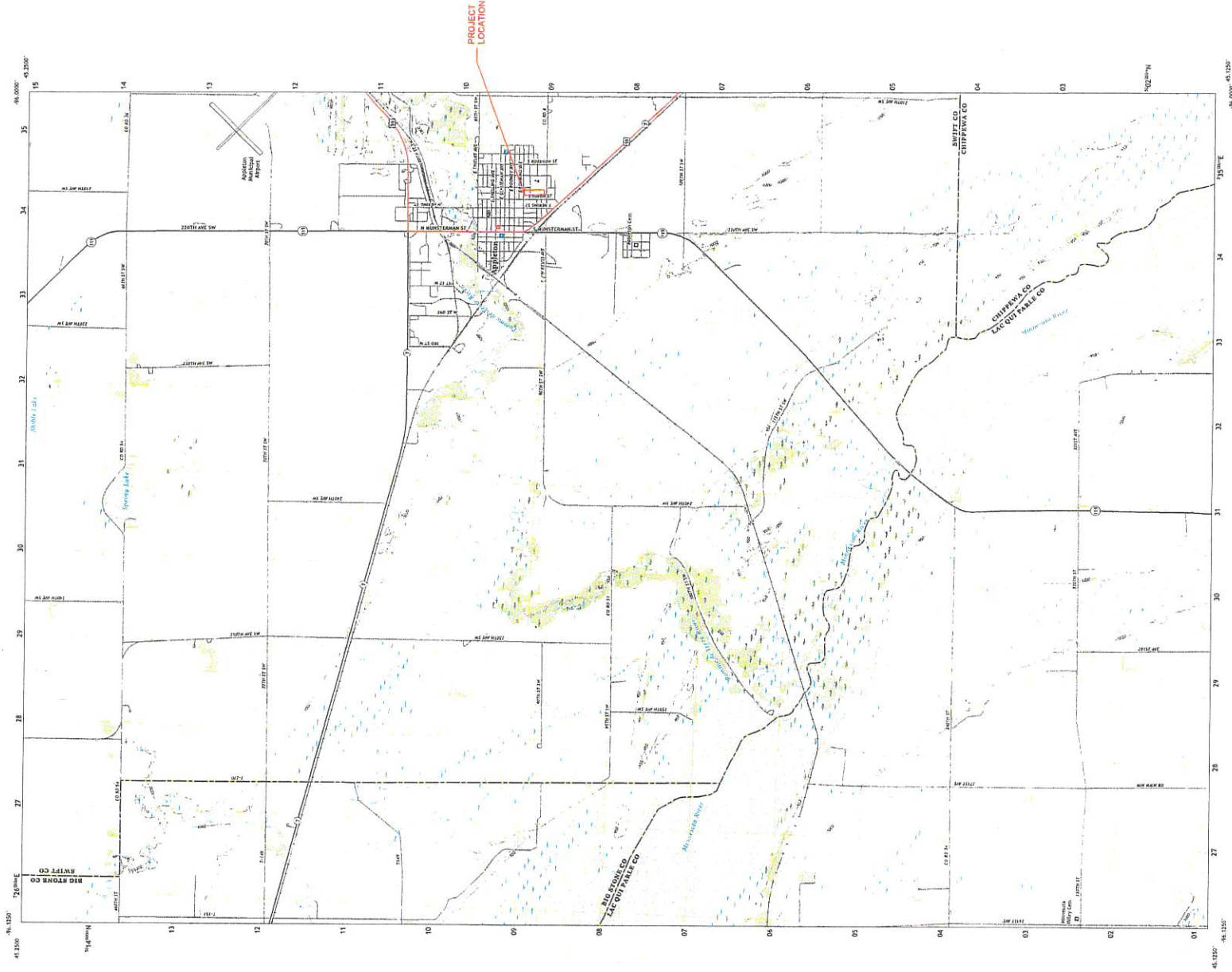
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U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



APPLETON QUADRANGLE  
MINNESOTA  
7.5-MINUTE SERIES



Produced by the United States Geological Survey

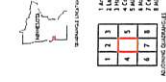
World Geologic Map of the United States, Project 1000  
This map is a digital derivative of the USGS 7.5-minute  
topographic maps and is not a substitute for the original  
topographic maps. It is intended for use as a reference only.

Project: 1000  
Scale: 1:250,000  
Date: 2017  
Author: USGS  
Editor: USGS  
Reviewer: USGS  
Approved: USGS

USGS  
U.S. GEOLOGICAL SURVEY  
BOSTON  
MA 02114



SCALE 1:250,000  
NORTH: GEODETIC NORTH, 1983  
EAST: GEODETIC EAST, 1983  
Vertical datum: NAVD83  
Horizontal datum: NAD83  
A: National Geospatial Intelligence Agency  
B: National Geospatial Intelligence Agency  
C: National Geospatial Intelligence Agency  
D: National Geospatial Intelligence Agency  
E: National Geospatial Intelligence Agency  
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M: National Geospatial Intelligence Agency  
N: National Geospatial Intelligence Agency  
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P: National Geospatial Intelligence Agency  
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R: National Geospatial Intelligence Agency  
S: National Geospatial Intelligence Agency  
T: National Geospatial Intelligence Agency  
U: National Geospatial Intelligence Agency  
V: National Geospatial Intelligence Agency  
W: National Geospatial Intelligence Agency  
X: National Geospatial Intelligence Agency  
Y: National Geospatial Intelligence Agency  
Z: National Geospatial Intelligence Agency

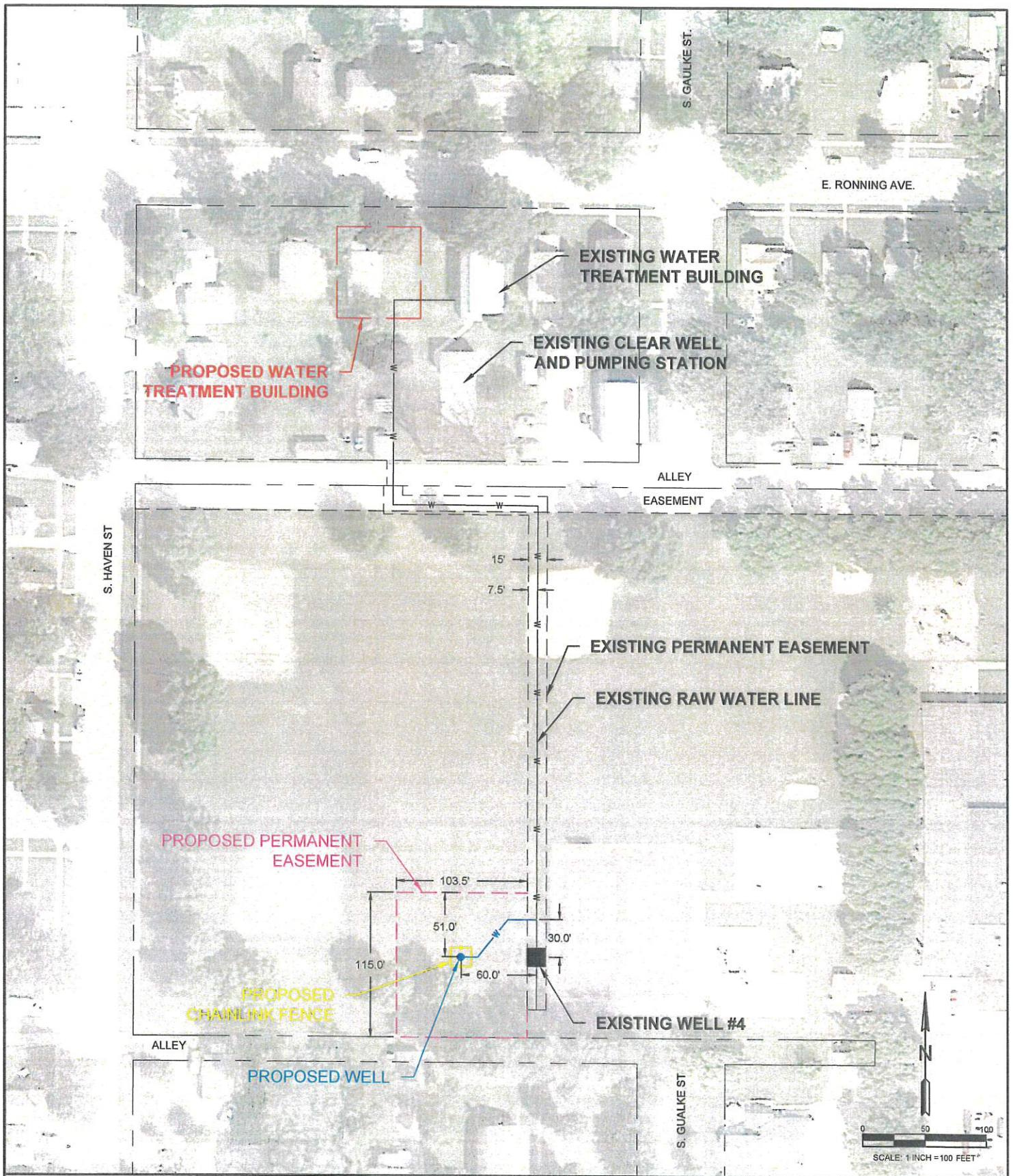


ROAD CLASSIFICATION  
Legend  
Main Road  
Secondary Road  
Tertiary Road  
Unimproved Road  
Railroad  
Canal  
Ditch  
Stream  
River  
Lake  
Swamp  
Marsh  
Barren Land  
Cultivated Land  
Forest Land  
Water

APPLETON, MN  
2019

\*7643016371955\*  
NHA REF NO. USGS 7.5-MINUTE SERIES





**Apex**  
Engineering Group



# WATER TREATMENT FACILITY IMPROVEMENTS APPLETON, MN

## PROPOSED WATER TREATMENT FACILITY AND WELL

Date: 03/17/2020

Drawn By: TAM



